

## Philips B Line 275B1H/00 computer monitor 68.6 cm (27") 2560 x 1440 pixels 2K Ultra HD LED Black

**Brand :** Philips

**Product family:** B Line

**Product code:** 275B1H/00

**Product name :** 275B1H/00

Monitor 275B1H LCD monitor with Windows Hello Webcam

Philips B Line 275B1H/00 computer monitor 68.6 cm (27") 2560 x 1440 pixels 2K Ultra HD LED Black:

This Philips monitor with a secure pop-up webcam with Windows Hello offers a personalized, greater security. Loaded with features to improve productivity and sustainability. Eye comfort features with TUV certified to reduce eye fatigue.

Philips B Line 275B1H/00. Display diagonal: 68.6 cm (27"), Display resolution: 2560 x 1440 pixels, HD type: 2K Ultra HD, Display technology: LED, Response time: 4 ms, Native aspect ratio: 16:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. Built-in speaker(s). Built-in USB hub, USB hub version: 3.2 Gen 2 (3.1 Gen 2). VESA mounting, Height adjustment. Product colour: Black



Display		Ergonomics	
Display diagonal *	68.6 cm (27")	VESA mounting *	✓
Display resolution *	2560 x 1440 pixels	Panel mounting interface	100 x 100 mm
HD type *	2K Ultra HD	Cable lock slot *	✓
Native aspect ratio *	16:9	Cable lock slot type	Kensington
Display technology *	LED	Height adjustment *	✓
Panel type *	IPS	Height adjustment	15 cm
Backlight type	W-LED	Pivot	✓
Touchscreen *	✗	Pivot angle	-90 - 90°
Display brightness (typical)	350 cd/m²	Swivelling	✓
Response time *	4 ms	Swivel angle range	-180 - 180°
Anti-glare screen	✓	Tilt adjustment	✓
Screen shape *	Flat	Tilt angle range	-5 - 30°
Aspect ratio	16:9	On Screen Display (OSD)	✓
Contrast ratio (typical) *	1000:1	On Screen Display (OSD) languages	Simplified Chinese, Traditional Chinese, Czech, German, Dutch, English, Spanish, Finnish, French, Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Swedish, Turkish, Ukrainian
Contrast ratio (dynamic)	50000000:1		
Dynamic contrast ratio marketing name	SmartContrast		
Maximum refresh rate *	75 Hz	Number of OSD languages	21
Viewing angle, horizontal	178°	Plug and Play	✓
Viewing angle, vertical	178°	LED indicators	Operation, Stand-by
Display number of colours *	16.7 million colours	<b>Power</b>	
Pixel pitch	0.2331 x 0.2331 mm	Energy efficiency class (SDR) *	F
Pixel density	109 ppi	Energy consumption (SDR) per 1000 hours *	26 kWh
Horizontal scan range	30 - 114 kHz	Power consumption (typical) *	18 W
Vertical scan range	48 - 75 Hz	Power consumption (standby) *	0.4 W
Viewable size, horizontal	59.7 cm	Power consumption (PowerSave)	17.5 W
Viewable size, vertical	33.6 cm		
Digital horizontal frequency	30 - 114 kHz		
Digital vertical frequency	48 - 75 Hz		

Display		Power	
Sync-on-green (SOG)	✓	AC input voltage	100 - 240 V
Display diagonal (metric)	68.6 cm	AC input frequency	50 - 60 Hz
DDC/CI	✓	Power supply type	Internal
Haze rate	25%	Energy efficiency scale	A to G
Surface hardness	3H	European Product Registry for Energy Labelling (EPREL) code	413349
Colour gamut standard	sRGB	Operational conditions	
Colour gamut	110%	Operating temperature (T-T)	0 - 40 °C
sRGB coverage (typical)	107%	Storage temperature (T-T)	-20 - 60 °C
NTSC coverage (typical)	104%	Operating relative humidity (H-H)	20 - 80%
Display sRGB	✓	Storage relative humidity (H-H)	20 - 80%
Performance		Operating altitude	0 - 3658 m
NVIDIA G-SYNC *	✗	Non-operating altitude	0 - 12192 m
AMD FreeSync *	✗	Weight & dimensions	
VESA Adaptive Sync support	✓	Width (with stand)	613 mm
Component video sync	Separate sync	Depth (with stand)	205 mm
Flicker-free technology	✓	Height (with stand)	537 mm
Low Blue Light technology	✓	Weight (with stand)	6.42 kg
Multimedia		Width (without stand)	613 mm
Number of speakers	2	Depth (without stand)	51 mm
RMS rated power	4 W	Height (without stand)	366 mm
Built-in speaker(s) *	✓	Weight (without stand)	4.77 kg
Megapixel (approx.)	2 MP	Packaging data	
Built-in microphone	✓	Package width	700 mm
Built-in camera *	✓	Package depth	215 mm
Design		Package height	456 mm
Market positioning *	Business	Package weight	9.7 kg
Product colour *	Black	Packaging content	
Front bezel colour	Black	Stand included	✓
Detachable stand	✓	Cables included	HDMI, DisplayPort, USB Type-A to USB Type-B, AC
Feet colour	Black	Manual	✓
Ports & interfaces		Bundled software	SmartControl
Built-in USB hub *	✓	Sustainability	
USB hub version	3.2 Gen 2 (3.1 Gen 2)	Sustainability certificates	ENERGY STAR, TCO
USB upstream port type	USB Type-B	Doesn't contain	Mercury, PVC/BFR
Number of upstream ports	1	Other features	
USB Type-A downstream ports quantity	3	Exterior finish type	Textured
VGA (D-Sub) ports quantity	1	Picture enhancement	SmartImage
DVI port	✓	Recyclable packaging material	100%
DVI-D ports quantity	1	Regulatory Approvals	EPA; CB; TUV/GS; TUV Ergo; CU-EAC; CE Mark; FCC Class B; ICES-003; UKRAINIAN; TUV Eye Comfort certified
HDMI *	✓		Heavy metals free
HDMI ports quantity	1		Hg (mercury), Pb (lead)
HDMI version	1.4	Light sensor	✓
DisplayPorts quantity	1	EasyRead mode	✓
DisplayPort version	1.2	LowBlue mode	✓
Audio input	✗	Compliance certificates	RoHS
Audio output	✓	Mean time between failures (MTBF)	70000 h
Headphone out *	✓	Certification	EPA, CB, TUV/GS, TUV Ergo, SEMKO, CU-EAC, CE Mark, FCC Class B, ICES-003, UKRAINIAN, TUV Eye Comfort certified
Headphone outputs	1		
Headphone connectivity	3.5 mm		
PC Audio in	✓	Recycling data	
HDCP	✓	Post-consumer recycled plastic	85%
HDCP version	1.4	Logistics data	
AC (power) in	✓	Harmonized System (HS) code	85285210



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